Kircuit TY1200150A1mn, TY1200150A1m

Kircuit 12V AC/DC Adapter User Manual

For Ottlite T5U, AY800Z, U13A, 2121850, TY1200150A1mn, TY1200150A1m LED Desk Lamps

1. Introduction

This manual provides essential instructions for the safe and effective use of your Kircuit 12V AC/DC Adapter. This adapter is designed to convert standard AC wall power into the DC power required by compatible devices, specifically various Ottlite LED Desk Lamps.

Compatible Models: Ottlite T5U, Ottlite AY800Z, Ottlite U13A, COSTCO 2121850, Model TY1200150A1mn, Model TY1200150A1m.

2. Product Overview

The Kircuit 12V AC/DC Adapter is a compact and reliable power supply unit. It features a standard two-prong AC plug for wall outlets and a barrel connector for device input.



Figure 2.1: Kircuit 12V AC/DC Adapter. This image displays the main adapter unit with its integrated power cord and barrel connector, ready for use.

Components:

- **Adapter Unit:** The main body containing the power conversion circuitry.
- **AC Plug:** Integrated two-prong plug for connecting to a wall outlet.
- **DC Output Cable:** Attached cable with a barrel connector for connecting to your device.

3. Setup

Follow these steps to properly set up your Kircuit AC/DC Adapter with your compatible device.

1. **Verify Compatibility:** Ensure your device requires a 12V DC input with a 1.5A current rating and has a compatible barrel connector. Refer to your device's original specifications.
2. **Connect to Device:** Insert the barrel connector of the Kircuit adapter's output cable firmly into the DC input port of your Ottlite LED Desk Lamp.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V AC wall power outlet.
4. **Power On Device:** Once connected, your device should receive power. Turn on your device using its power switch, if applicable.



Figure 3.1: Adapter connected to a power source. This image illustrates the Kircuit adapter plugged into a power strip, demonstrating a typical connection scenario.

4. Operating Instructions

Once properly connected, the Kircuit 12V AC/DC Adapter will continuously supply power to your compatible device. There are no additional operational controls on the adapter itself.

- Ensure the adapter is always plugged into a functional power outlet.
- To disconnect power, unplug the adapter from the wall outlet first, then disconnect from the device.

5. Maintenance

Proper care and maintenance will extend the lifespan of your Kircuit AC/DC Adapter.

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior.

Do not use liquid cleaners or solvents.

- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Handling:** Do not drop, disassemble, or attempt to repair the adapter. Avoid exposing it to moisture or excessive force.

6. Troubleshooting

If you encounter issues with your Kircuit AC/DC Adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause / Solution
Device not powering on.	◦ Ensure the adapter is securely plugged into both the wall outlet and the device. ◦ Test the wall outlet with another device to confirm it is functional. ◦ Verify the device's power switch is in the "On" position. ◦ Confirm the adapter's specifications (12V, 1.5A) match your device's requirements.
Adapter feels unusually hot.	◦ A slight warmth is normal during operation. ◦ If it's excessively hot, disconnect immediately. This could indicate an overload or internal fault. Ensure the device is compatible and not drawing too much power.
Intermittent power to device.	◦ Check for loose connections at both the wall outlet and the device's input port. ◦ Inspect the cable for any visible damage or kinks.

7. Specifications

Key technical specifications for the Kircuit 12V AC/DC Adapter:

- **Input Voltage:** 100-240V AC, 50/60Hz
- **Output Voltage:** 12V DC
- **Output Current:** 1.5A
- **Connector Type:** Barrel
- **Cable Length:** Approximately 6.5 ft
- **Color:** Black
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd



Figure 7.1: Adapter label details. This image provides a close-up view of the adapter's label, displaying input/output specifications and certifications.

8. Warranty and Support

For warranty information or technical support regarding your Kircuit 12V AC/DC Adapter, please contact the manufacturer or your point of purchase. Keep your purchase receipt for warranty claims.

Manufacturer: Kircuit (Shenzhen Waweis Technology Co., Ltd)

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